



State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICE FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

AGENCY OF NATURAL RESOURCES Department of Environmental Conservation

Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

September 4, 1997

DENNIS BOISE
CHAMPLAIN OIL COMPANY INC
PO Box 2126
SOUTH BURLINGTON VERMONT 05407

RE: Site Management Activity Completed, Essex Colonial Market,
Essex Junction, Vermont (Site #95-1781)

Dear Mr. Boise:

The Vermont Department of Environmental Conservation, Sites Management Section (SMS) has reviewed the Griffin International, Inc., July 15, 1997 letter report in which a petition is made for giving the site a SMAC (Site Management Activity Completed) designation. Petroleum contaminated soils were discovered at the site between April 10, 1997 and April 12, 1997, while replacing the piping of three (3) gasoline underground storage tanks (USTs). All soils exceeding volatile organic compound concentrations of 20 parts per million (ppm), as measured by a photoionization detector (PID), were removed. No elevated PID readings were detected at a depth beyond four feet below ground surface. A total of 35 cubic yards of petroleum contaminated soil was stockpiled and polyencapsulated at the site. Neither free product nor groundwater was encountered during the piping assessment. Griffin International, Inc. reported that there are no groundwater users or other potential sensitive receptors near the site. The soils were screened semiannually with a PID until May 27, 1997. During the last two screening events, no detectable PID readings were measured and neither visual nor olfactory evidence of contamination was observed. During the week of June 30, 1997, the soil stockpile was thin spread at the subject property.

Based on the current conditions at this site, the SMS has determined that this site is now eligible for a SMAC designation. This means that the SMS has determined the following:

- the older UST piping has been replaced, and is no longer a continuing source of petroleum contamination at this site;
- groundwater was not likely affected by the release, as any existing groundwater was located at depths below the excavated contaminated soil;
- approximately 35 cubic yards of petroleum contaminated soil was removed and successfully treated using the polyencapsulation treatment option;
- any residual soil contamination is limited to the immediate vicinity of the former UST area and will be naturally attenuated over time; and

(over)

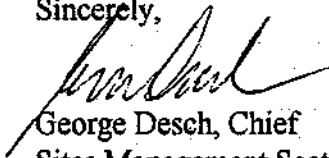
Chlorine Free 100% Recycled Paper

Regional Offices - Barre/Essex Jct./Pittsford/Rutland/N. Springfield/St. Johnsbury

- any residual contamination does not pose an unacceptable risk to human health or the environment.

Based on the above, it appears that petroleum contamination was confined to the former UST piping locations and does not pose an unreasonable risk to human health and safety or the environment. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release Champlain Oil Company, Inc. of any past or future liability associated with the petroleum contamination remaining in the ground from the removed UST. It does, however, mean that the SMS is not requesting any additional work at this time. If you have any questions or comments, please feel free to contact either Matt Moran or me at (802)-241-3888.

Sincerely,



George Desch, Chief
Sites Management Section

cc: Essex Junction Village Manager
Essex Health Officer
DEC Regional Office
Erik Sandblom, Griffin International, Inc.

GD:mattm/wp951781sm.ac